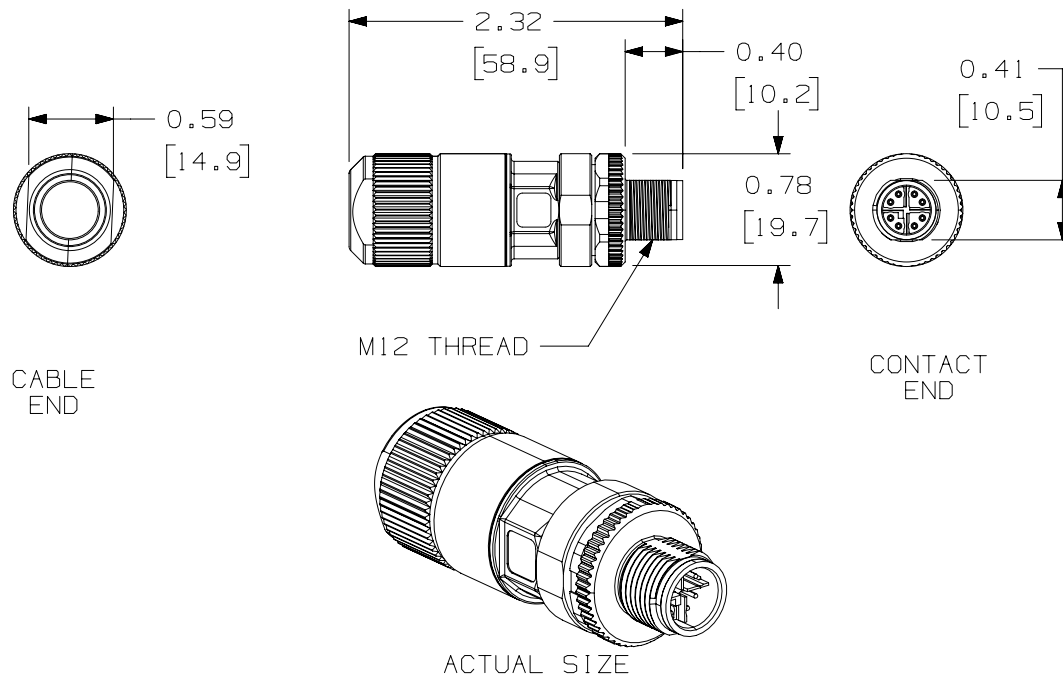


THIS COPY IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTERESTS OF PANDUIT CORP.

NOTES:

1. CONSTRUCTED TO MEET THE CONNECTOR STANDARDS ISO 11801, IEC 61076-2-109 AND IEC 60532-4.
2. THE TRANSMISSION PERFORMANCE IS 10Gbps ETHERNET AND IS ADEQUATE FOR PoE ACCORDING TO IEEE 802.3af AND PoE ACCORDING TO IEEE 802.3at
3. MEETS THE FOLLOWING CATEGORIES:
 - A. CATEGORY 6A/CLASS EA PER ISO/IEC 11801 DIN EN 50173-1
4. ELECTRICAL:
 - A. WORKING VOLTAGE: 50V
 - B. WORKING CURRENT: 4A
 - C. NUMBERS OF CONTACTS: 8
 - D. CONTACT GENDER: PIN
5. MECHANICAL:
 - A. TERMINATION CYCLES WITH SAME CROSS SECTION WIRE: 10
 - B. RECOMMENDED TIGHTENING TORQUE: 0.443 FT/LBS [0.6N/M]
 - C. HEXAGONAL WRENCH: SW 18mm
6. CABLE CONSTRUCTION ACCEPTANCE:
 - A. CONDUCTOR DIAMETER:
 1. SOLID: 0.051-0.64mm (AWG 24-22/7)
 2. STRANDED: 27/7 AWG-22/7 AWG, (0.46-0.76mm)
 - B. INSULATION DIAMETER (DIAMETER OF DIELECTRIC (DOD)): 0.9-1.6mm
 - C. CABLE DIAMETER (DIAMETER OF JACKET (DOJ)): 5.5-9mm
7. CONSTRUCTION:
 - A. ALL MATERIALS AND COMPONENTS USED MUST MEET THE MATERIAL RESTRICTIONS OF RoHS, (EUROPEAN DIRECTIVE 2011/65/EU ON THE RESTRICTION OF HAZARDOUS SUBSTANCES) AS PROPOSED BY THE RoHS TECHNICAL ADAPTATION COMMITTEE.
 - B. COMPONENT MATERIALS:
 1. LOCK NUT: BRASS/(NI) PLATED
 2. CONNECTOR HOUSING: (ZN) DIECAST, (NI) PLATED AND PLASTIC PART IS PA UL94 V-0
 3. CONTACTS: BRASS/(AU) PLATED
8. ENVIRONMENTAL:
 - A. OPERATING TEMPERATURE: -13°F-+185°F [-25°C-+85°C]
 - B. STORAGE TEMPERATURE: -13°F-+185°F [-25°C-+85°C]
 - C. INGRESS PROTECTION RATING (IP): IP65/IP67
9. c(UL)us MEETS UL1683, CSA C22.2
10. WEIGHT: 0.12 LBS/10 PCS [531.2g/20 PCS]



PART NUMBER		ISPS6A88MFA	
TITLE		ISPS6A88MFA FIELD TERMINABLE M12 X-CODE 8 POSITION PLUG CONNECTOR	
ITEM REVISION NAME		CUSTOMER DRAWING	
DATASET FILE NAME		00103LAA-02	
UNLESS OTHERWISE SPECIFIED, DIMENSIONAL TOLERANCES ARE: IN [mm]		MATERIAL:	
.x ± .1 [2.54] .xx ± .01 [.25]		SEE NOTE 7	
.xxx ± .005 [.127] ANGLES ± 5°		DRAWING NUMBER:	
THIRD ANGLE PROJECTION		00103LAA-02	
DRAWN BY	DATE	CHK	SCALE
BJN	12-15-16	SCAL	NONE
SHT 1 OF 1		A	